Directions

Meanings of icons:

Forbidding: forbid improper operations to avoid damaging the Mini PC.

Caution: cautions for operators to avoid potential damages. Please note and remember.

Importance: important information, common notes, definitions, general knowledge and references, etc.

Content

Safety Precautions

1. DO NOT expose the Mini PC to dirty or dusty environment. Keep the environment clean and dry.
2. DO NOT expose the Mini PC to strong magnetic or electrical fields; DO NOT place the floppy disk near or on the Mini PC, that may loss the data of the floppy disk.
3. DO NOT leave the Mini PC facing the sun as it can damage the parts.
4. SAFE TEMP: This Mini PC should only be used in environments with ambient temperatures between 5℃(41℉) and 35℃(95℉).
5. DO NOT expose the Mini PC to or use near liquids, rain, or moisture.
6. DO NOT throw the Mini PC in municipal waste. Check local regulations for disposal of electronic products.
7. The Mini PC only for Desktop computer using. Also the Mini PC and the Adapter may occur some heat during operating or charging. DO NOT leave the Mini PC on your lap or any part of the body in order to prevent discomfort or injury from heat exposure.
8. INPUT RATING: Refer to the rating label on the Mini PC and be sure that the Power Adapter complies with the rating. Only use attachments or accessories specified by the manufacturer.
9. Checking the connections between the main unit and attachments before turning on the Mini PC.
10. DO NOT insert anything into the Mini PC that may result in short circuit or damage the circuit.
11. DO NOT disassemble the Mini PC, only a certified service technician should perform repairs on your computer. Otherwise, problem may result and the manufacturer should not hold responsibility for the damage.

WARNING: To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation disatance of 20 cm or more should be maintained between the antenna of this device and persons during operation.

To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

FCC Compliance

Notice for the USA FCC Part 15:

This equipment has been tested and found to comply with limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna on the affected receiver.
- Increase the separation between this device and the receiver. Connect this device into an outlet on a circuit different from that to which the receiver is connected.
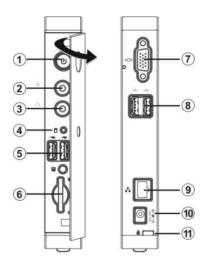- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

CAUTION: To comply with the limits of the Class B digital device, pursuant of Part 15 of the FCC Rules, this device is comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception.

MODIFICATION: Any changes or modifications not expressly approved by the gurantee of this device could void the user's authority to operate the device.

1 Knowing Your Mini PC

1. ⏻ **Lightening Power Button**

    Press it once to turn on the unit and once again to turn off; the indicator light is on once the unit is on, flashing once in standby.

2. **Microphone Jack**

3. **Headphone Jack**

4. ⬭ **HDD Status Indicator**

    Light is flash when the HDD is in active mode.

5. **USB Ports (2.0)**

6. **SD/ MS / MMC Port**

7. **VGA Port**

8. **USB Ports (2.0)**

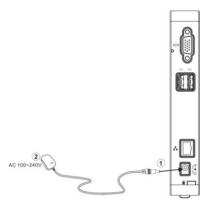9. **Ethernet/LAN Port**

10. **Power Jack**

11. **Lock Port**

2 Getting Started

2-1 Connecting the Power Adapter

The Mini PC comes with a universal AC-DC adapter and the allowable input voltage of adapter is from 100V to 240V.

Following the below steps to connect the adapter:

1. Take the adapter and the power cord, and then connect the adapter with the power cord.
2. Plug the DC end of adapter into the power jack of the Mini PC.
3. Insert the AC end to the wall outlet
4. Check the connections above correctly before turning on the Mini PC.

DO NOT remove the Mini PC if the HDD is being read or written, that may result in the loss of the data and the damage of the disk. Follow the system steps to turn off the Mini PC.

Your Mini PC and the accessories may differ from the pictures shown.

2-2 Turning on the Mini PC

1. After connecting the power adapter, the blue aura would appear around the Power button.
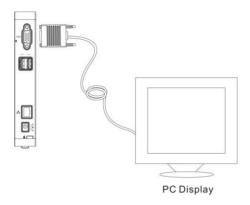2. Press the Power button to turn on the Mini PC.

Press and hold the Power button to turn off the Mini PC if the system halts. Press and hold the Power button once to turn off in normal mode.

3 Using Your Mini PC
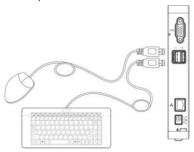## 3-1 Connecting the External Display

The Mini PC supplies the VGA port for connecting External Monitor or TV.

Connect one end of the VGA cable to the VGA port of the unit, the other end to the VGA port of the PC display or the VGA-equipmented TV , then lock the screws. See as below:

PC Display

3-2 Connect Keyboard and Mouse

If you want to use the external keyboard or mouse, connect the external keyboard and external mouse by the USB port.
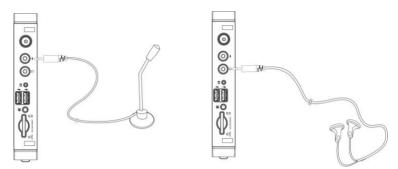

When you disconnect the external keyboard or external mouse from the computer, grasp the connector, not the cable itself, and pull firmly but gently to avoid damaging the cable.

3-3 Connect Audio Device

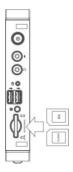The Mini PC can be connected headphone, sound box and microphone.

The speaker will turn off automatically after connecting the external headphone to the Mini PC. Excessively loud volume could damage your hearing. So turn down the volume before connecting earphone, and then raise the volume to comfortable level.

3-4 Card Reader Usage

The Mini PC has a single built-in memory card reader that can read the following flash memory cards: Secure Digital, Multi-Media Card, Memory Stick. See the manual of the relevant card for more information.

Insert The Memory Card

The card only can be inserted in one orientation (with the card's electrical contacts towards the bottom of the unit). Force to insert the card may in result of damage.

Pull out the Memory Card

Stop the card's operation, then pull the card out from the port.

4 Enter the BIOS Setup Menu

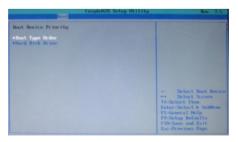Follow the below steps to enter the BIOS Setup Menu:

1. Click F2 button quickly during loading the system, then the system will enter "Setup Utility" as shown below:
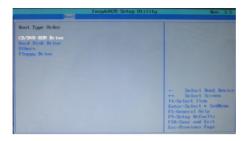

2. Click the left/ right direction keys to select "Boot" and click the Enter button to enter the below menu:

On the menu, click the up/down direction keys to select "Legacy" and click the Enter button to enter the below menu:

3. Click the up/down direction keys to select "Boot Type Order" and click the Enter button to enter the below menu:

4. Click the "Shift" + "+"or click "-" directly to remove the option position and then click the up/down direction button to select the startup option. Proceed to click F10 to popup the dialogue box and select "Yes" firstly, then click the Enter button to save the setting as shown below:

There is no need to change the startup order and click F12 directly to select the temporary startup option after turning on the unit.

5 Appendix

5-1 Troubleshooting

Q1：How to turn off the Mini PC when the halted system cannot warm boot?

A：Press the POWER button and hold 4 or 6 seconds to turn off the Mini PC.

Q2：How to check the Mini PC if the Mini PC cannot be turned off?

A：1.If the power is low, connect to the electric outlets.

2.Check that the video display system is not in the external monitor mode.

3.Make sure the indicator of the adapter turns on and the adapter works well.

4. Remove the U disk, SD card and any other external device.

Q3：If the water come into the Mini PC

A：1. DO NOT turn on the Mini PC.

2. Disconnect the outlet cable in order to turn off the Mini PC, instead of pressing the POWER button to turn off it. Disconnect all external devices.

3. Spill out the water from the Mini PC. Use a soft and waterish paper or cloth to wipe the surface of the Mini PC lightly.

4. Use the fanner to dry the Mini PC and the accessories, and then send to the service center for advice.

5. DO NOT place the Mini PC into the dirty carrying case to again.

Q4：Why the system cannot be recover?

A：1.Damage from External memory or built-in memory: If the data are saved to an error memory address, the data cannot restore.

2. Incompatible external device: The system may enter the standby mode and cannot resume, when the incompatible external device is connected to the Mini PC.

3.Error from drive program or application program: The system may refuse to operate some files (file formats: .dll, .sys, .exe and so on.) and enter the standby mode or hibernate mode. If the incompatible application program will be refused by the operating system, the system may fail to recover.

Q5：How to check the system which cannot recover?

A：1.Remove the external devices and their device program.

2.Refresh BIOS system

3.Refresh the appropriate program.

4.Remove the error application program.

5.Reinstall the operating system.

6.Send back the Mini PC for checking.

5-2 Specifications

Main Feature	
CPU	Intel Atom N270 (1.6GHz, 533MHz FSB)
CPU Power Consumption	2.5W MAX
L1 Cache Size	On-die, primary 32-kB instructions cache and 24-kB, write-back data cache
L2 Cache Size	512-kB on-die second level cache
Memory (#)	1GB
Memory Type	DDRII 533/667 MHz
Storage	
HDD Capacities (#)	160GB
Condition	
Operating Temperature	5-35℃
Operating Humidity	35%-85%
Storage Temperature	-20-55℃
Storage Humidity	20%-93%
Power	
Adapter	AC 100~240V; DC 12V

Output Power (maximum)	≤30W
Port Standard	
LAN	LAN Type: 10/100Base-T Wireless Card: 802.11 b/g
Audio Port	Headphone Port, Microphone Port
USB Port	USB-A Port(x4)，USB2.0
SD Card Port	Support SD/ MS / MMC Card
VGA Port	D-15 Output
Physical Features	
Weight	About 1.0Kg
Dimension	219.5*175*28mm

Design and specifications are subject to change without notice. The # symbol means that the item is optional.